

Application No. 10/743,632
Amendment dated August 17, 2005
Reply to Office Action of June 13, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended). A thermal printer assembly, comprising:

a plurality of elongated thermal print heads; and
a frame adapted to fixedly mount and align said plurality of print heads in parallel to print across a single print media path;

a separate platen roller adapted for pressuring print media against each of said print heads, wherein each said platen roller determines a curvature in said print media path; and

a member having a low friction surface adapted to mimic said curvature of at least one said platen roller in alignment therewith across a lateral portion of the print media path not spanned by said at least one platen roller.

Claim 2 (original). The assembly of Claim 1, wherein said frame is adapted to align said print heads with overlap in the direction of the print media path to print across substantially different lateral portions of said print media path.

Claim 3 (original). The assembly of Claim 2, wherein each of said plurality of elongated print heads

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has a printing length, and further wherein said frame is adapted to position said print heads to print across a print media width, which is substantially equal to a total of said printing lengths of said plurality of print heads.

Claim 4 (original). The assembly of Claim 3, wherein each of said plurality of thermal print heads is positioned to print at a different sequential location along said print media path.

Claim 5 (canceled hereby).

Claim 6 (currently amended). The assembly of Claim 4, wherein each said platen roller is not substantially longer than is its respective elongated thermal print head.

Claim 7 (canceled hereby).

Claim 8 (currently amended). The assembly of Claim 7 1, wherein said platen roller and said low friction surface are aligned across said print media path at a single sequential position along said print media path.

Claim 9 (original). The assembly of Claim 1, wherein said frame is adapted to position said plurality of thermal print heads to print from a first side of said print media path, and further comprising a

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second plurality of elongated thermal print heads
fixedly mounted to said frame for printing from a
second opposing side of said print media path.

Claim 10 (new). A thermal printer assembly
comprising:

- a first plurality of elongated thermal print heads;
- a frame adapted to fixedly mount and align said
first plurality of print heads in parallel to print
across a single print media path;

- a second plurality of elongated thermal print heads
fixedly mounted to said frame;

wherein said frame is adapted to position said first
plurality of thermal print heads to print from a first
side of said print media path, and to position said
second plurality of elongated thermal print heads for
printing from a second opposing side of said print
media path.

Claim 11 (new). The thermal printer assembly of
Claim 10 wherein said frame is adapted to align said
print heads with overlap in the direction of the print
media path to print across substantially different
lateral portions of said print media path.

Claim 12 (new). The thermal printer assembly of
Claim 11 wherein each of said plurality of elongated
print heads has a printing length, and further wherein
said frame is adapted to position said print heads to

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print across a print media width, which is substantially equal for each of said first and second pluralities of print heads to a total of said printing lengths of said respective plurality of print heads.

Claim 13 (new). The thermal printer assembly of Claim 12 wherein each of said first plurality of thermal print heads and said second plurality of thermal print heads is positioned to print at a different sequential location along said print media path.

Claim 14 (new). The thermal printer assembly of Claim 13 wherein each said platen roller is not substantially longer than its respective elongated thermal print head.